



**Australian Government**

# **MAR40313 Certificate IV in Maritime Operations (Master up to 35 metres)**

**Release 1**

## MAR40313 Certificate IV in Maritime Operations (Master up to 35 metres)

### Modification History

Release 1	<p>This is the first release of this qualification in the MAR13 Maritime Training Package.</p> <p>This qualification replaces TDM40307 Certificate IV in Transport Distribution (Coastal Maritime Operations - Master Class 4).</p>
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### Description

This qualification is suitable for those sailing as Master on vessels up to 35 metres in length within the exclusive economic zone (EEZ), Master on vessels up to 80 metres in length in inshore waters and Mate on vessels up to 80 metres in length.

### Pathways Information

#### Pathways into the qualification

MAR30413 Certificate III in Maritime Operations (Master up to 24 metres)

#### Pathways from the qualification

MAR50313 Diploma of Maritime Operations (Watchkeeper Deck)

MAR50413 Diploma of Maritime Operations (Master up to 500 GT or Master 80 metres)

### Licensing/Regulatory Information

This qualification is currently cited as meeting some of the requirements for certification as a Master Class 4 as described in Part D of the National Standard for Commercial Vessels (NSCV) by the Australian Maritime Safety Authority (AMSA).

Certification will require achievement of the MAR40313 Certificate IV in Maritime Operations (Master up to 35 metres), sea-service, a valid first aid certificate and an appropriate radio qualification; people seeking certification should check the requirements with AMSA.

### Entry Requirements

There are no entry requirements for this qualification.

## Employability Skills Summary

The following table contains a summary of the employability skills as identified by the maritime industry for this qualification. This table should be interpreted in conjunction with the detailed requirements of each unit of competency packaged in this qualification. The outcomes described here are broad industry requirements that may vary depending on packaging options.

<b>Employability Skill</b>	<b>Industry/enterprise requirements for this qualification include:</b>
Communication	Communicate ideas and information to enable input from crew and understanding by crew of plans developed Complete relevant documentation and submit to appropriate personnel Prepare reports on outcomes of inspection and maintenance activities
Teamwork	Investigate and negotiate proposed variations in consultation with crew members Supervise crew compliance with regulatory requirements Work collaboratively with other shipboard personnel and passengers during vessel operations
Problem-solving	Identify and act on potential and current, issues and problems arising within crew and/or individuals according to organisational and legislative requirements Recommend and implement preventative and/or corrective action Undertake a job safety analysis for working in areas of high risk
Initiative and enterprise	Build and motivate teams Provide ideas to control the level of risk associated with work tasks Recognise problems that may occur when interpreting weather and oceanographic information
Planning and organising	Develop maintenance program for vessel to meet requirements of planned maintenance system Develop operational strategies and procedures Plan resources for vessel operations
Self-management	Maintain housekeeping standards in work area Meet organisational requirements through personal performance and behaviour and leadership, which serves as a positive role model for other crew members Monitor and adjust own performance to ensure it aligns with key

	performance indicators and organisational goals
Learning	Develop strategies to ensure crew and individuals are actively encouraged and supported in assessing their own competence and identifying their learning needs Identify training opportunities for development of the individual's job role Induct and train crew
Technology	Operate radio equipment Record and file weather and oceanographic information and forecasts according to organisational procedures Use radar to navigate safely

## Packaging Rules

**Total number of units = 22 units**

22 core units

<b>Core units</b>			
<b>Field</b>			
<b>A</b>	<b>Handling Cargo and Vessel Stability</b>	MARA4001A	Manage loading, discharging and stowage of cargo
		MARA4002A	Manage vessel stability
<b>B</b>	<b>Equipment Checking and Maintenance</b>	MARB3005A	Slip or dock a vessel and maintain hull on a vessel up to 80 metres
		MARB4005A	Plan and supervise routine maintenance on a vessel up to 80 metres
<b>C</b>	<b>Equipment Operations</b>	MARC4001A	Manage a propulsion unit using appropriate engine systems and support services
		MARC4002A	Monitor and manage vessel operations
		MARC4004A	Operate deck machinery and steering gear on a vessel up to 80 metres
<b>F</b>	<b>Operational Quality and Safety</b>	MARF1001A	Apply basic survival skills in the event of vessel abandonment
		MARF1002A	Follow procedures to minimise and fight fires

			on board a vessel
		MARF1005A	Meet work health and safety requirements
		MARF1006A	Survive at sea using survival craft
		MARF3007A	Work safely in confined spaces on a vessel
<b>G</b>	<b>Teamwork</b>	MARG4001A	Manage a small crew
<b>H</b>	<b>Navigation</b>	MARH3002A	Manage and maintain a navigational watch on board vessels up to 80 metres
		MARH3003A	Plan and navigate a passage for a vessel up to 80 metres
		MARH3004A	Use wheelhouse equipment for safe navigation
		MARH4001A	Forecast weather and oceanographic conditions
<b>I</b>	<b>Regulations and Port Operations</b>	MARI3001A	Observe regulations to ensure safe operation of a vessel up to 80 metres
<b>J</b>	<b>Environment</b>	MARJ3001A	Monitor environmental management on a vessel
<b>K</b>	<b>Manoeuvring Vessels</b>	MARK4001A	Manoeuvre a vessel up to 80 metres
<b>N</b>	<b>Seamanship</b>	MARN4001A	Manage seaworthiness of a vessel up to 80 metres
	<b>Imported</b>	HLTFA403C	Manage first aid in the workplace

## Custom Content Section

Not applicable.